



2001 Toxics Release Inventory

TEXAS

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	236,256,913
Air Emissions	102,748,862
Surface Water Discharges	26,007,896
Underground Injection Class I Wells	77,648,758
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	1,454,403
Other On-site Land Releases	28,396,993
Off-site Releases (Transfers Off-site to Disposal)*	34,278,163
Total On- and Off-site Releases	270,535,075
Recycled On-site	689,703,872
Recycled Off-site	136,892,811
Energy Recovery On-site	875,947,403
Energy Recovery Off-site	141,426,391
Treated On-site	1,747,035,703
Treated Off-site**	97,450,247
Quantity Released On- and Off-site***	274,862,593
Total Production-related Waste Managed	3,963,319,020
Non-production-related Waste Managed	12,156,179
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	136,898,041
Energy Recovery	143,041,520
Treatment	56,643,370
Publicly Owned Treatment Works (POTWs)	37,168,984
Metals and Metal Category Compounds*	40,347
Non-metal TRI Chemicals**	37,128,637
Other Off-site Transfers****	41,322
Transfers Off-site to Disposal (not including metals to POTWs)	35,821,346
Total Transfers Off-site for Further Waste Management, including Disposal	409,614,582

- * Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
- ** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
- *** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.
- **** Transfers reported without a valid waste management code.

For More Information . . .

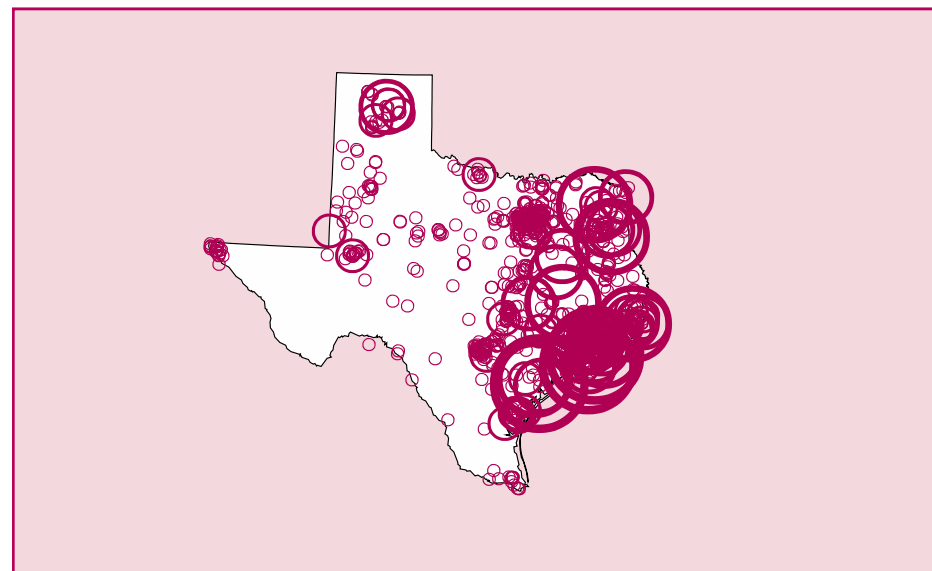
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To obtain TRI data use
assistance, call TRI User
Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Texas. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	21,370,983
Square Miles	261,914
Total Facilities	1,556
Total Forms	8,359
Form As	975

	Total
National Rank for Total On- and Off-site Releases*	
Rank	5
Pounds	270,535,075
National Rank for Total On-site Releases**	
Rank	5
Pounds	236,256,913
National Rank for Total Releases within State***	
Rank	6
Pounds	271,986,562
National Rank for Production-related Waste Managed	
Rank	1
Pounds	3,963,319,020

- * Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
- ** Includes amounts released at the facility. Excludes amounts transferred to other sites.
- *** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Nitrate compounds	30	24,238,860	9,811,282	150,220	59,380	34,259,772	79,250	33,449	25,931
7664-41-7	Ammonia	5,206,675	518,396	15,014,390	199,710	415,440	21,354,611	79,090	453,860	1,150
—	Barium compounds	114,553	64,632	0	12,492,959	4,240,962	16,913,106	2,154	4,148,646	126,051
67-56-1	Methanol	9,063,480	115,872	6,598,109	94,380	356,512	16,228,353	1,050,606	461,240	17,450
74-85-1	Ethylene	13,833,993	0	6,682	0	1	13,840,676	0	1	0

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Lead compounds	83,294.62	2,200.42	1,274.00	1,238,183.55	12,386,852.11	13,711,804.71	108,584.59	12,042,976.49	344,391.37
7439-92-1	Lead	17,897.68	2,746.02	0.00	389,934.94	343,849.54	754,428.18	7,961.16	236,906.55	109,385.49
—	Polycyclic aromatic compounds	56,410.29	4,394.27	1.10	1,081.37	16,790.50	78,677.53	192.85	15,636.50	1,154.00
—	Mercury compounds	12,211.46	35.56	76.00	5,679.91	5,094.57	23,097.50	1,732.49	2,176.58	2,919.99
118-74-1	Hexachlorobenzene	69.14	30.50	2.02	11.00	13,576.00	13,688.65	0.00	6,613.00	6,963.00
191-24-2	Benzo(g,h,i)perylene	3,338.06	461.02	1.00	8.89	839.76	4,648.72	0.00	784.76	55.00
7439-97-6	Mercury	2,553.90	15.01	460.40	576.61	629.57	4,235.49	66.85	477.27	153.30
1336-36-3	Polychlorinated biphenyls (PCBs)	7.05	2.00	0.00	616.00	47.64	672.69	3.00	46.33	1.31
—	Dioxin and dioxin-like compounds	0.74	1.61	0.18	29.46	30.71	62.70	0.30	7.17	23.54
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>336.645</i>	<i>730.188</i>	<i>83.820</i>	<i>13,359.430</i>	<i>13,925.662</i>	<i>28,435.746</i>	<i>138.027</i>	<i>3,249.680</i>	<i>10,675.984</i>
8001-35-2	Toxaphene	0.00	6.19	0.14	0.00	0.60	6.93	0.00	0.00	0.60
608-93-5	Pentachlorobenzene	3.50	0.00	1.48	0.00	0.00	4.98	0.00	0.00	0.00
79-94-7	Tetrabromobisphenol A	2.00	0.00	0.00	0.00	0.00	2.00	496,872.00	0.00	0.00
57-74-9	Chlordane	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
1582-09-8	Trifluralin	0.00	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00
309-00-2	Aldrin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
76-44-8	Heptachlor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72-43-5	Methoxychlor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

*** No reports were submitted for these chemicals.

** The chemical ranking is based on the amounts in this column.



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On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
BASF Corp., Freeport, Brazoria	264,587	15,644,870	1,794,799	0	0	0	17,704,256	16,480	19
Solutia Chocolate Bayou, Alvin, Brazoria	209,927	3,200	17,362,108	0	10,000	0	17,585,235	0	0
BP Chemicals Green Lake Facility, Port Lavaca, Calhoun	106,535	1,026	14,479,282	0	0	0	14,586,843	9,244	0
Du Pont Victoria Plant, Victoria, Victoria	482,584	540,106	8,862,504	0	775	8,606	9,894,575	5,980	6
Du Pont Beaumont Plant, Beaumont, Jefferson	176,601	3,482	9,150,971	0	0	0	9,331,055	17,376	78,798
Gibbons Creek Steam Electric Station, Carlos, Grimes	8,351,131	0	0	0	0	72,503	8,423,634	0	0
TXU Monticello Steam Electric Station & Lignite Mine, Mount Pleasant, Titus	1,171,875	525	0	0	0	4,392,678	5,565,078	0	0
BP Texas City Business Unit, Texas City, Galveston	3,558,674	210,435	1,785,346	0	0	0	5,554,455	132,086	0
Martin Lake Steam Electric Station & Lignite Mine, Tatum, Rusk	322,176	765	0	0	0	5,003,549	5,326,491	0	0
Lyondell Chemical Co., Channelview, Harris	574,395	1	4,039,724	0	0	0	4,614,120	42,008	107,329

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA	Other		Transferred Within State Pounds	Transferred Out of State Pounds
					Subtitle C Landfills Pounds	On-site Land Releases Pounds			
Sherwin Alumina L.P., Gregory, San Patricio	0.00	0.00	0.00	0.00	0.00	396,938.41	396,938.41	0.00	0.00
Tyler Pipe Co., Tyler, Smith	6,741.50	816.90	0.00	0.00	242,270.70	0.00	249,829.10	0.00	0.00
Exide Techs., Frisco, Collin	2,684.00	4.73	0.00	0.00	0.00	153,022.00	155,710.73	0.00	122.88
Alcoa World Alumina Atlantic, Point Comfort, Calhoun	973.56	8.50	0.00	0.00	0.00	148,016.90	148,998.96	0.00	0.60
U.S. Army Fort Hood - Range Facility, Fort Hood, Bell	1,097.00	0.00	0.00	0.00	0.00	111,527.00	112,624.00	0.00	0.00
Waste Control Specialists L.L.C., Andrews, Andrews	0.00	0.00	0.00	0.00	82,535.00	0.00	82,535.00	0.00	0.00
U.S. Army Camp Bullis Training Site, San Antonio, Bexar	149.00	0.00	0.00	0.00	0.00	77,388.00	77,537.00	0.00	0.00
Martin Lake Steam Electric Station & Lignite Mine, Tatum, Rusk	1,160.33	7.40	0.00	0.00	0.00	63,045.00	64,212.73	0.00	0.00
TXU Monticello Steam Electric Station & Lignite Mine, Mount Pleasant, Titus	1,473.32	0.00	0.00	0.00	0.00	51,998.00	53,471.32	0.00	0.00
ASARCO Inc. Amarillo Copper Refy., Amarillo, Potter	48,599.00	0.00	769.00	0.00	0.00	0.00	49,368.00	0.00	1,367.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
BASF Corp., Freeport, Brazoria	50,000	141,818	47,218,900	30,600	23,355,420	23,022	17,748,569	88,568,329	0
Solutia Chocolate Bayou, Alvin, Brazoria	840,000	0	0	0	34,378,300	0	17,595,708	52,814,008	0
BP Chemicals Green Lake Facility, Port Lavaca, Calhoun	0	0	53,197,700	0	1,675,133	21,434	14,600,205	69,494,472	4,226
Structural Metals Inc., Seguin, Guadalupe	0	6,219,320	0	0	0	0	12,620,940	18,840,260	11,072,000
Du Pont Victoria Plant, Victoria, Victoria	0	0	24,889,290	0	52,642,433	755,637	9,900,561	88,187,921	0
Du Pont Beaumont Plant, Beaumont, Jefferson	3,027,300	123,050	7,549,600	0	12,055,278	3,351,808	9,427,229	35,534,265	912
Gibbons Creek Steam Electric Station, Carlos, Grimes	0	0	0	0	1,175,473	0	8,423,627	9,599,100	0
BP Texas City Business Unit, Texas City, Galveston	3,400	487,131	0	656	5,006,800	6,703	5,954,116	11,458,806	0
TXU Monticello Steam Electric Station & Lignite Mine, Mount Pleasant, Titus	0	0	0	0	67,596	0	5,565,077	5,632,673	0
Martin Lake Steam Electric Station & Lignite Mine, Tatum, Rusk	0	0	0	0	645,943	0	5,326,493	5,972,436	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Structural Metals Inc., Seguin, Guadalupe	0.00	520,120.00	0.00	0.00	0.00	0.00	12,000,940.00	12,521,060.00	11,000,000.00
Sherwin Alumina L.P., Gregory, San Patricio	0.00	0.00	0.00	0.00	0.00	0.00	396,938.00	396,938.00	0.00
Tyler Pipe Co., Tyler, Smith	0.00	0.00	0.00	0.00	0.00	0.00	249,829.00	249,829.00	0.00
Exide Techs., Frisco, Collin	260,000.00	0.00	0.00	0.00	0.00	0.00	155,000.00	415,000.00	0.00
Alcoa World Alumina Atlantic, Point Comfort, Calhoun	0.00	0.00	0.00	0.00	0.00	0.00	147,905.00	147,905.00	1,094.00
Teris L.L.C. (Dba Heat Treatment Services), Dallas, Dallas	0.00	0.00	0.00	0.00	0.00	0.00	134,200.00	134,200.00	0.00
Advanced Micro Devices Inc.Fab 25, Austin, Travis	0.00	17,024.00	0.00	0.00	0.00	0.00	131,708.00	148,732.00	0.00
U.S. Army Fort Hood - Range Facility, Fort Hood, Bell	0.00	0.00	0.00	0.00	0.00	0.00	112,624.00	112,624.00	0.00
Chevron Phillips Chemical Co. L.P., Baytown, Harris	0.00	0.00	0.00	0.00	161.00	0.00	102,204.00	102,365.00	0.00
Waste Management Inc., Port Arthur, Jefferson	0.00	0.00	0.00	0.00	1,505,813.00	0.00	101,388.00	1,607,201.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.